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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF NOVEMBER 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: January 13, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August	289,580	289,836	-0.1	272,941	270,759	+0.8	562,521	560,595	+0.3
September	321,352	311,719	+3.1	272,864	269,658	+1.2	594,216	581,377	+2.2
9 Months	2,885,498	2,910,409	-0.9	2,459,890	2,557,969	-3.8	5,345,388	5,468,378	-2.2
October	380,810	360,606	+5.6	308,139	294,422	+4.7	688,949	655,028	+5.2
November	307,417	310,355	-0.9	259,325	257,772	+0.6	566,742	568,127	-0.2
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	-14.4	1,296	1,416	-8.5
August	N/A	13,019	---	1,674	1,505	+11.2
September	N/A	13,728	---	1,593	1,536	+3.7
9 Months	---	156,837	---	13,937	13,802	+1.0
October	N/A	14,200	---	1,694	1,568	+8.0
November	N/A	21,053	---	1,609	1,415	+13.7
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(b)Excludes gas swimming pool heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August	200,730	203,020	-1.1	22,565	22,840	-1.2	23,945	33,070	-27.6
September	254,035	234,015	+8.6	32,085	31,830	+0.8	24,680	31,610	-21.9
9 Months	1,439,705	1,459,395	-1.3	136,190	138,645	-1.8	233,425	298,430	-21.8
October	251,855	240,585	+4.7	27,210	25,795	+5.5	23,090	29,100	-20.7
November	223,035	193,665	+15.2	22,785	24,290	-6.2	17,045	23,835	-28.5
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August	20,347	17,942	+13.4	14,575	12,530	+16.3
September	28,423	21,968	+29.4	19,053	15,535	+22.6
9 Months	134,541	121,164	+11.0	95,505	89,924	+6.2
October	32,057	28,402	+12.9	20,469	18,123	+12.9
November	25,785	22,541	+14.4	16,235	13,765	+17.9
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1988	VENTED WALL FURNACES 1987	VENTED WALL FURNACES %Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1988	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	DIRECT VENT SYSTEM WALL FURNACES (a) %Chg.	TOTAL WALL FURNACES 1988	TOTAL WALL FURNACES 1987	TOTAL WALL FURNACES %Chg
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August	8,880	8,410	+5.6	4,610	4,060	+13.5	13,490	12,470	+8.2
September	16,050	10,320	+55.5	8,090	6,280	+28.8	24,140	16,600	+45.4
9 Months	70,080	65,150	+7.6	44,330	38,370	+15.5	114,410	103,520	+10.5
October	12,670	14,040	-9.8	7,480	8,390	-10.8	20,150	22,430	-10.2
November	12,030	13,230	-9.1	7,210	7,310	-1.4	19,240	20,540	-6.3
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August	8,618	10,124	-14.9	15,131	17,888	-15.4
September	11,849	10,854	+9.2	24,744	19,156	+29.2
9 Months	59,249	58,257	+1.7	126,988	110,165	+15.3
October	15,028	16,227	-7.4	32,609	27,423	+18.9
November	10,432	10,611	-1.7	20,476	25,263	-18.9
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July	18,602	18,540	+0.3	1,015	1,092	-7.1
August	19,384	18,723	+3.5	1,726	1,271	+35.8
September	18,268	19,415	-5.9	2,021	2,424	-16.6
9 Months	182,377	182,479	-0.1	12,847	12,774	+0.6
October	19,232	19,725	-2.5	3,599	3,711	-3.0
November	18,391	16,603	+10.8	1,734	2,032	-14.7
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August	15,834	14,002	+13.1	1,063	872	+21.9	1,306	1,355	-3.6
September	19,789	18,836	+5.1	1,124	1,317	-14.7	1,635	1,792	-8.8
9 Months	100,588	105,512	-4.7	6,946	7,439	-6.6	11,411	12,645	-9.8
October	16,909	16,232	+4.2	1,171	1,091	+7.3	1,879	1,742	+7.9
November	19,643	17,304	+13.5	1,170	1,051	+11.3	2,298	2,281	+0.7
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	